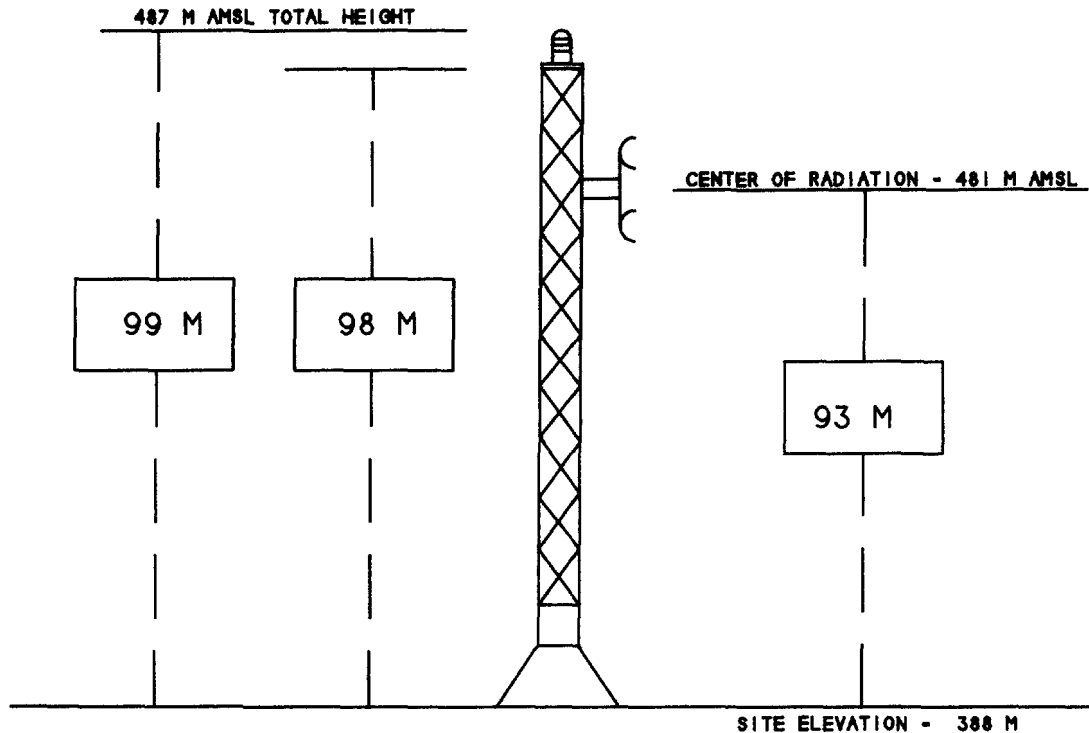




CONSULTING COMMUNICATIONS ENGINEERS

1306 W. County Road F, St. Paul, MN 55112  
(612) 631-1338 • Fax (612) 631-3502



OWL ENGINEERING, INC.  
ENGINEERING EXHIBIT E-2

BLOOMING PRAIRIE, MN  
NOT TO SCALE

CHANNEL 265A



CONSULTING COMMUNICATIONS ENGINEERS

1306 W. County Road F, St. Paul, MN 55112  
(612) 631-1338 • Fax (612) 631-3502

**ENGINEERING EXHIBIT E-3  
APPLICATION FOR FM CONSTRUCTION PERMIT  
LYNN KETELSEN  
BLOOMING PRAIRIE, MINNESOTA  
CHANNEL 265 6 KW 100 METERS**

**PROPOSED TRANSMITTER AND STUDIO LOCATIONS**

Ketelsen proposes to operate from a site uniquely described by the geographic coordinates:

43° 52' 04" North Latitude

93° 07' 28" West Longitude

Figure E-4 is a portion of the Blooming Prairie, Minnesota 7.5 minute U.S.G.S. topographic quadrangle map showing the proposed transmitter site. No FM or TV transmitters are located within 60 meters of the proposed antenna location. Since there are no other FM or TV facilities located nearby there is not expected to be any receiver induced intermodulation interference or other objectionable interference.

Because the area is Rural, there is not expected to be any problem with blanketing interference. The applicant is aware of the provisions of Section 73.318 of the FCC's Rules and the requirement for satisfying all complaints of blanketing interference that are received within a one-year period.

Figure E-2 is a sketch showing important elevations for the antenna and its supporting structure at the proposed construction site.

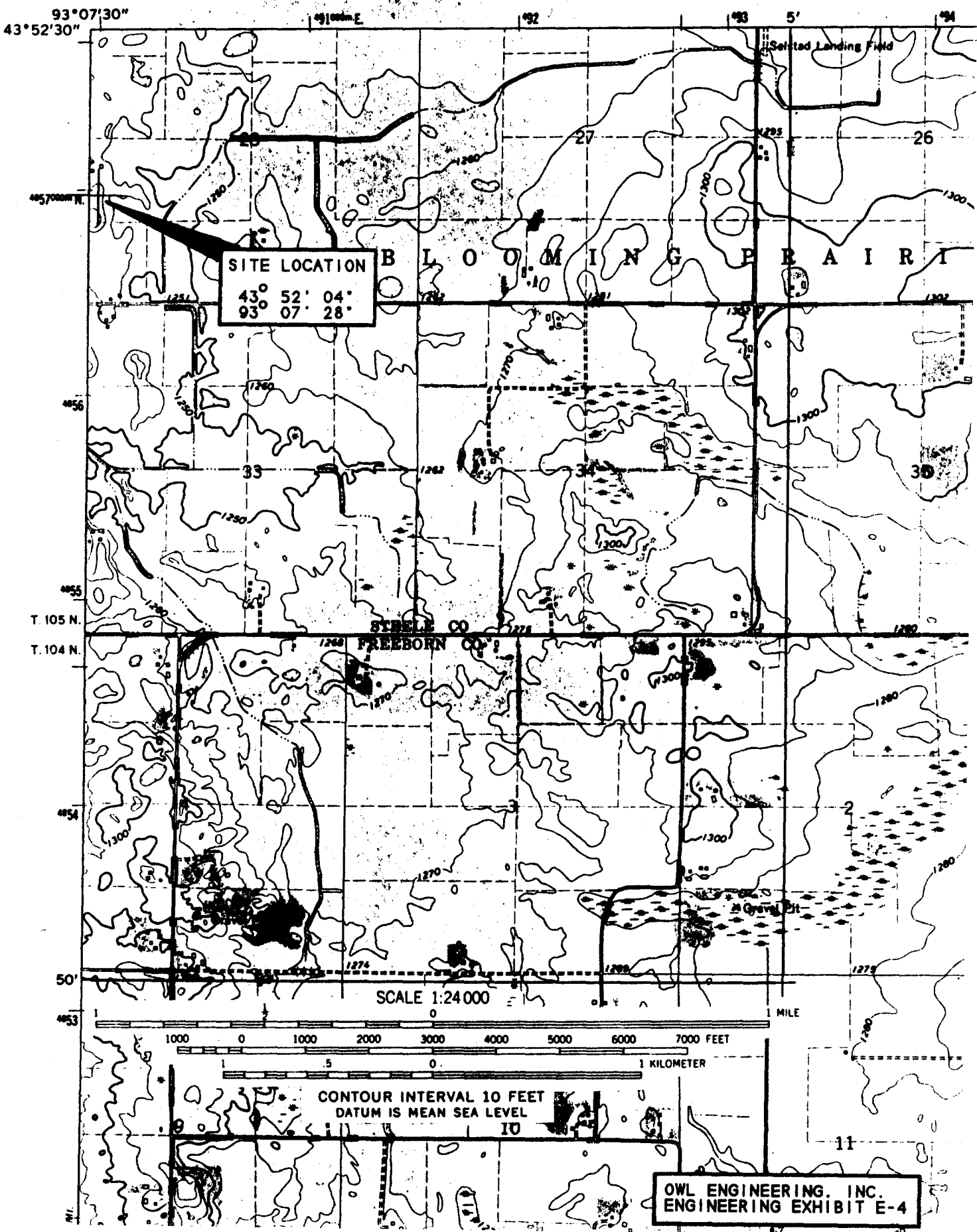
The main studio for the station will be located in the BLOOMING PRAIRIE area, at a site yet to be determined.

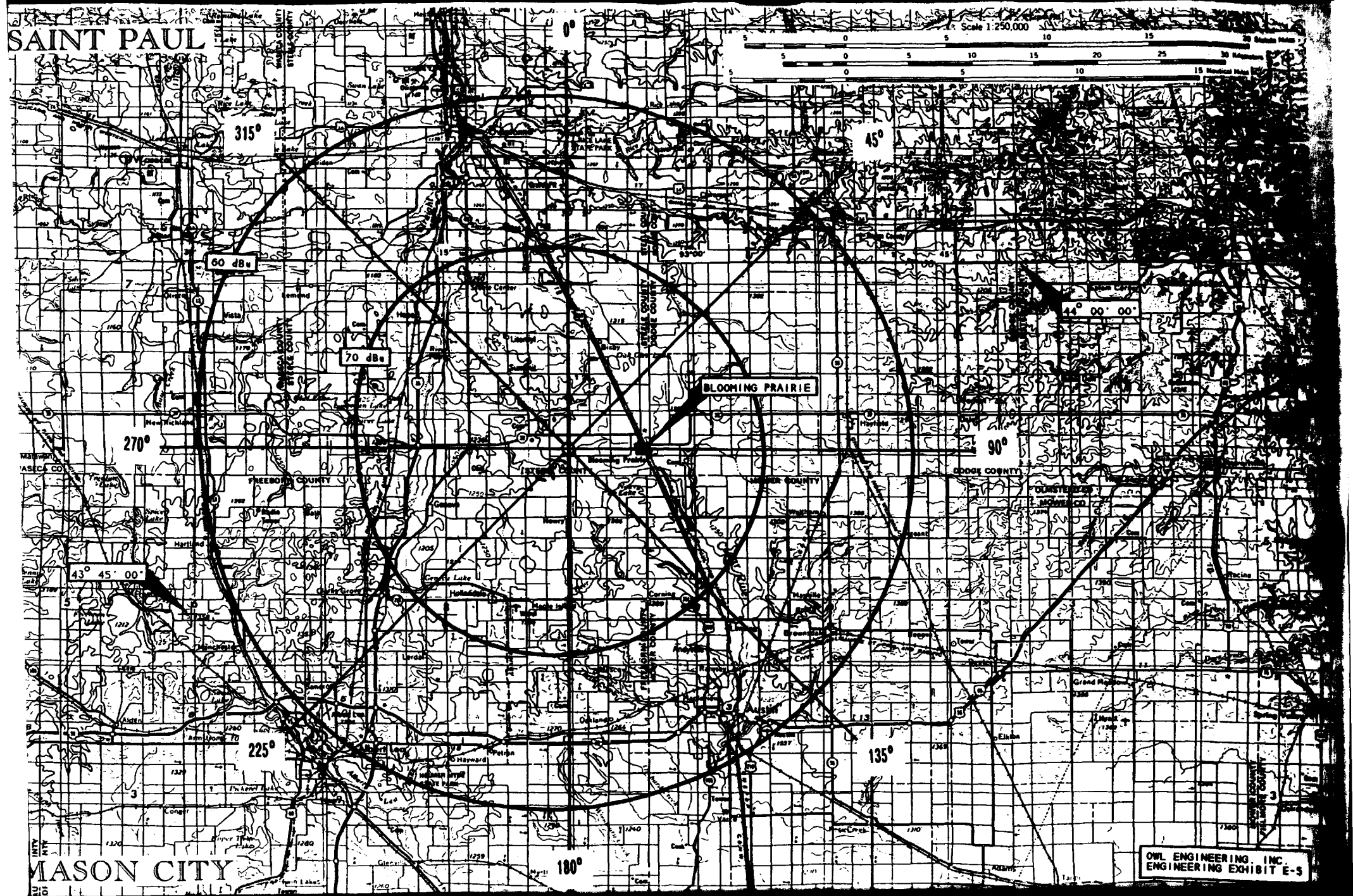
221 1 NW  
(STEEL CENTER)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BLOOMING PRAIRIE QUADRANGLE  
MINNESOTA  
7.5 MINUTE SERIES (TOPOGRAPHIC)

D







# **OWL ENGINEERING, INC.**

**CONSULTING COMMUNICATIONS ENGINEERS**

**1306 W. County Road F, St. Paul, MN 55112  
(612) 631-1338 • Fax (612) 631-3502**

**ENGINEERING EXHIBIT E-6  
APPLICATION FOR FM CONSTRUCTION PERMIT  
LYNN KETELSEN  
BLOOMING PRAIRIE, MINNESOTA**

**CHANNEL 265 6 KW 100 METERS**

**ENVIRONMENTAL IMPACT STATEMENT**

The instant proposal is categorically excluded from environmental processing since none of the conditions of Section 1.1306(b)(2) and (3) would be involved for the following reasons:

1) The site proposed is not in or near any location referenced in Section 1.1306(b)(1) as being of environmental interest.

2) The provisions of Section 1.1306(b)(2) relating to the use of high intensity strobe lighting does not apply since the antenna height proposed with this application does not require this form of lighting to be utilized.

3) Compliance to Section 1.1306(b)(3) regarding human exposure to RF radiation was examined for a single source. A search was made about the proposed site coordinates to locate any additional sources of RF radiation. No other sources were found.



CONSULTING COMMUNICATIONS ENGINEERS

1306 W. County Road F, St. Paul, MN 55112  
(612) 631-1338 • Fax (612) 631-3502

**ENGINEERING EXHIBIT E-6  
APPLICATION FOR FM CONSTRUCTION PERMIT  
LYNN KETELSEN  
BLOOMING PRAIRIE, MINNESOTA**

**CHANNEL 265 6 KW 100 METERS**

**ENVIRONMENTAL CONSIDERATIONS CONTINUED**

The power density at the base of the tower was calculated using the following formula from OST Bulletin Number 65, October, 1985:

$$S = \frac{(0.64)(1.64)(ERP)(1000)(\text{milliwatts/watt})}{(\pi(R)^2)}$$

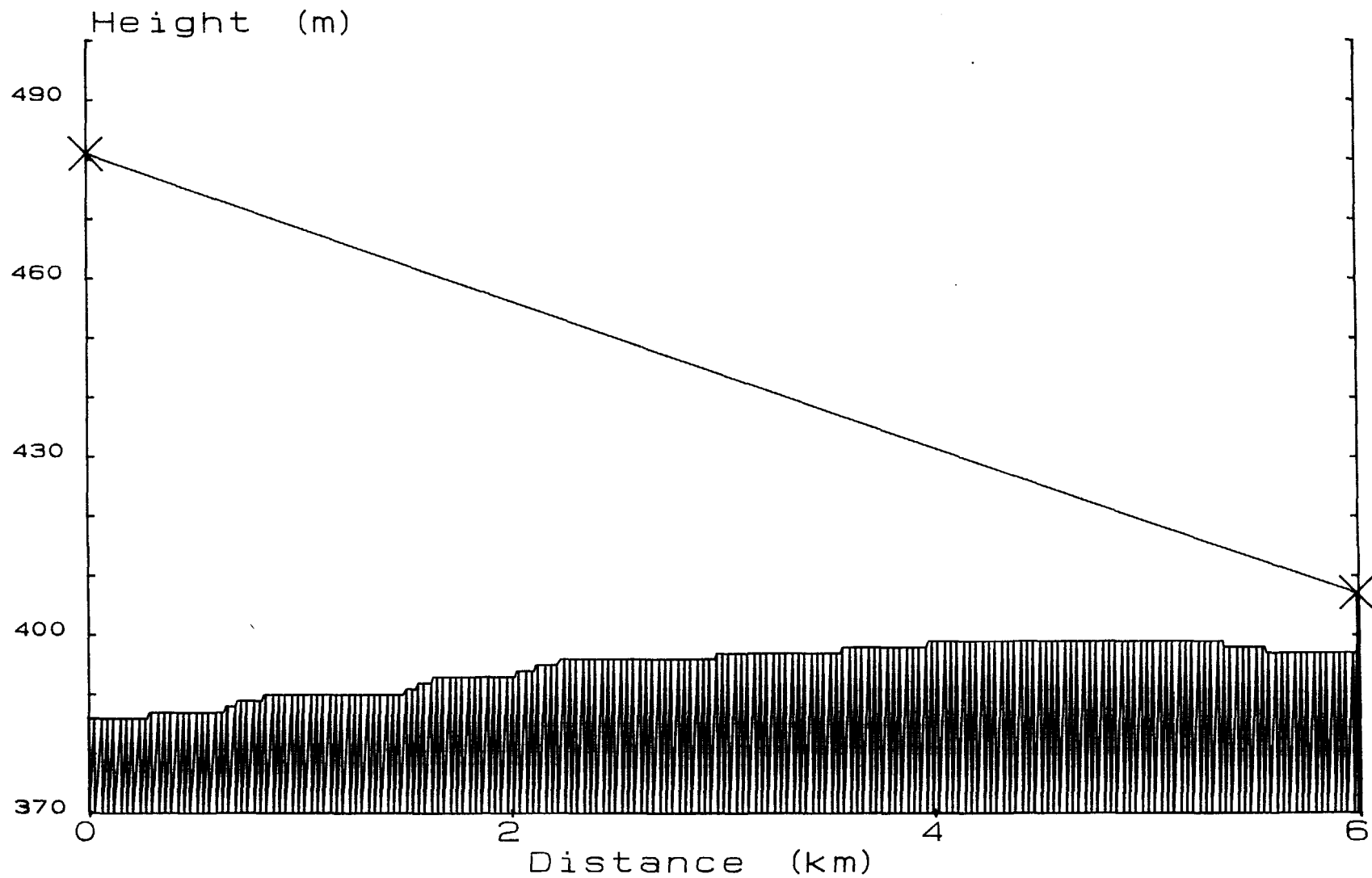
where: S = power density in milliwatts per square centimeter  
ERP = effective radiated power in watts  
R = distance to radiation source in centimeters  
 $\pi = 3.146$

Using this formula and the values shown below, a power density of 0.05 mW/cm<sup>2</sup> is found to exist at the base of the tower.

ERP = 12,000 watts  
R = 10,000 cm.

The ANSI limit is 1.0 mW/cm<sup>2</sup>. It is evident that any person at the base of the tower would be well within the ANSI exposure limit. Manipulating the above referenced formula, the minimum distance from the antenna required to achieve ANSI guidelines would be 21 meters.

Access to RF circuitry will be restricted. Signs will be posted warning of the potential danger. When persons require access to the tower for maintenance purposes, the transmitter power will be reduced or completely eliminated to comply with ANSI guidelines. Hence, the conditions of Section 1.1306(b)(3) would not be involved.

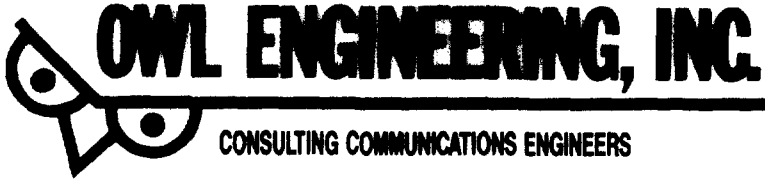


Profile Study for Blooming Prairie, MN

Owl Engineering, Inc.  
1306 W. County Rd. F

Saint Paul, Minnesota  
(612) 631-1338

Engineering Exhibit E-7



CONSULTING COMMUNICATIONS ENGINEERS

1306 W. County Road F, St. Paul, MN 55112  
(612) 631-1338 • Fax (612) 631-3502

**ENGINEERING EXHIBIT E-8  
APPLICATION FOR FM CONSTRUCTION PERMIT  
LYNN KETELSEN  
BLOOMING PRAIRIE, MINNESOTA  
CHANNEL 265 6 KW 100 METERS**

**CHANNEL SPACING STUDY**

FM Channel 265-A

LATITUDE: 43° 52' 4"  
LONGITUDE: 93° 7' 28"

CHNL	Call	City	Class	Calculated Km.	Required Km.	Delta km.	Bearing °
211		NO CONFLICT					
212		NO CONFLICT					
262		NO CONFLICT					
263		NO CONFLICT					
264	WBIZFM	FMWI Eau Claire	C1	167.94	133	34.94	51.27
264		FAWI Eau Claire	C1	167.94	133	34.94	51.27
265		NO CONFLICT					
266		NO CONFLICT					
267		FAMN Richfield	C	113.55	95	18.55	353.70
268		NO CONFLICT					





CONSULTING COMMUNICATIONS ENGINEERS

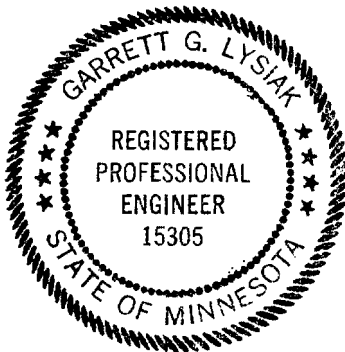
1306 W. County Road F, St. Paul, MN 55112  
(612) 631-1338 • Fax (612) 631-3502

**ENGINEERING EXHIBIT FOR  
APPLICATION FOR FM CONSTRUCTION PERMIT  
LYNN KETELSEN  
BLOOMING PRAIRIE, MINNESOTA  
CHANNEL 265 6 KW 100 METERS**

**AFFIDAVIT**

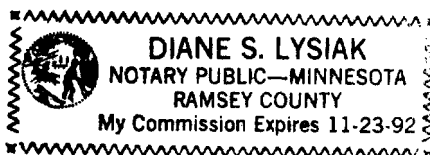
RAMSEY COUNTY                    )  
  )  
STATE OF MINNESOTA            )       ss:

Garrett G. Lysiak, being first duly sworn, says that he is president of Owl Engineering, Inc., consulting communications engineers with offices in Arden Hills, Minnesota: that his qualifications as an expert in communications engineering are a matter of record with the Federal Communications Commission: that the foregoing exhibit was prepared by him and under his direction; and that the statements contained therein are true of his own personal knowledge except those stated to information and belief and, as to those statements, verily believes them to be true and correct.



Garrett G. Lysiak, P.E.

Subscribed and sworn to before me this date May 19, 1992.



Diane S. Lysiak  
Notary Public

My commission expires November 23, 1992

**SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM**

1. Does the applicant propose to employ five or more full-time employees?

☒ Yes ☐ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 896-A).

**SECTION VII - CERTIFICATIONS**

1. Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.3560?

☒ Yes ☐ No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

If No, attach as an Exhibit, a full explanation.

Exhibit No.

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted John Spatenka

Telephone No. (include area code) 507-455-0096

Person contacted: (check one box below)

☒ Owner ☐ Owner's Agent ☐ Other (specify)

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

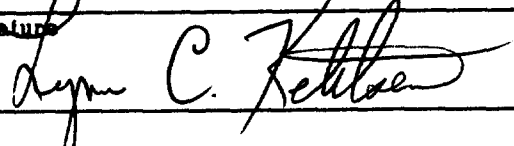
The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.66, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

SECTION VII - CERTIFICATION (Page 5)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.  
U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant Lynn Ketelsen	Signature 
Date May 26, 1992	Title Applicant Owner

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT  
AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 71 hours 45 minutes to 801 hours 30 minutes with an average of 118 hours 28 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (8060-0027), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

PROGRAM SERVICE STATEMENT

The proposed new FM Radio Station for Blooming Prairie, Minnesota will be a live full-time 24-hour station, and will place a heavy emphasis on news, public affairs, farm reports, and other programming responsive to the ascertained needs, interest, and problems. The transmitter site, and studios to be located in Blooming Prairie will have AC generators and uninterrupted news and weather service.

The station will employ a full-time News Director to cover local and area events in detail. In addition, there will be a full-time news wire, weather radar hook-up with the local weather bureau, a full-time farm wire service, and a national network affiliation for world-wide news. The station will employ a full-time farm broadcaster to cover area ag events and report local markets and farm news.

There are also plans to work with the Riverland Technical Radio School to originate daily news casts from the college. Department Head John O'Rourke would help organize the project. The Ag. Department at the Mankato Technical Institute would also be used for specialized Ag. Reports on production agriculture and marketing ideas.

The new station will make times available to local organizations for forums on local and regional areas of interest. This will include farmer concerns, business issues and job opportunities in the area.

Innovation will be a big part of the programming. The radio station will be available as a forum for the entire community to explore minority concerns, and to air all sides of the issues to promote a greater understanding among all in the area.

There are also plans to air local sports from the Blooming Prairie and surrounding communities.

Exhibit 2  
INTEGRATION STATEMENT

Item 1. Lynn Ketelsen will be employed at the proposed station as the General Manager and will devote as least 40 hours per week to his duties in that capacity. Among his duties, he will hire and supervise all station department heads, and he will develop, determine and oversee the implementation of all station policies.

Item 2.

- A.) No
- B.) No
- C.) No
- D.) Yes

BROADCAST EXPERIENCE

<u>Employer</u>	<u>Position</u>	<u>Length of Employment</u> 1982 to present
Linder Farm Radio Network	Vice President General Manager	
Linder Farm Radio Network	Farm Director	1977-1982
National Association of Farm Broadcasters	President	1990
National Association of Farm Broadcasters	President Elect	1989
National Association of Farm Broadcasters	Vice President	1988
National Association of Farm Broadcasters	Regional Vice President	1985
KMA Radio Shenandoah, IA	Farm Editor	1975-1977
British Broadcasting Corporation	U.S. Reporter	1974-1975
KISU Radio, Ames, IA	Station Manager	1974
KISU Radio, Ames, IA	Sports Director	1971-1973

E.) No

Lynn Ketelsen  
1440 Grace Avenue  
Wilmar, MN 56201

  
Lynn Ketelsen

Lynn Ketelsen

Exhibit 3

In response to Item 7(a) of Section II, the following is stated:

Lynn Ketlesen is an applicant for a new FM station at Sleepy Eye, Minnesota (File No. BPH-911003MD). That application is pending.

In response to Item 7(b) of Section II, the following is stated:

Lynn Ketelsen was an applicant for a new FM station at Rapid City, South Dakota (File No. BPH-900510MM). That application was dismissed with prejudice pursuant to a settlement agreement with a mutually exclusive applicant.

BROADCAST EQUAL EMPLOYMENT OPPORTUNITY

MODEL PROGRAM REPORT

1. APPLICANT

Name of Applicant  Lynn Ketelsen	Address  1440 Grace Avenue Willmar MN 56201
Telephone Number (include area code)  (612) 235-8253	

2. This form is being submitted in conjunction with:

☒ Application for Construction Permit for New Station      ☐ Application for Assignment of License

☐ Application for Transfer of Control

(a) Call letters (or channel number or frequency) ..... Channel #265 A

(b) Community of License (city and state) ..... Bloomington Prairie, MN

(c) Service:      ☐ AM      ☒ FM      ☐ TV      ☐ Other (Specify) \_\_\_\_\_

INSTRUCTIONS

Applicants seeking authority to construct a new commercial, noncommercial or international broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discrimination in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more full-time employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asians or Pacific Islanders, American Indians or Alaskan Natives and Hispanics). This is submitted to the Commission as the Model EEO Program. If minority group representation in the available labor force is less than five percent (in the aggregate), a program for minority group members is not required. In such cases, a statement so indicating must be set forth in the EEO model program. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ fewer than five full-time employees, no EEO program for women or minorities need be filed.

Guidelines for a Model EEO Program and a Model EEO Program are attached.

NOTE: Check appropriate box, sign the certification below and return to FCC:

☐ Station will employ fewer than 5 full-time employees; therefore no written program is being submitted.

☒ Station will employ 5 or more full-time employees. Our Model EEO Program is attached. (You must complete all sections of this form.)

I certify that the statements made herein are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 26th day of May, 19 92

Signed Lynn C. Ketelsen

Title Owner Applicant

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.  
U.S. CODE, TITLE 18, SECTION 1001.

## GUIDELINES TO THE MODEL EEO PROGRAM

The model EEO program adopted by the Commission for construction permit applicants, assignees and transferees contains five sections designed to assist the applicant in establishing an effective EEO program for its station. The specific elements which should be addressed are as follows:

### I. GENERAL POLICY

The first section of the program should contain a statement by the applicant that it will afford equal employment opportunity in all personnel actions without regard to race, color, religion, national origin or sex, and that it has adopted an EEO program which is designed to fully utilize the skills of qualified minorities and women in the relevant available labor force.

### II. RESPONSIBILITY FOR IMPLEMENTATION

This section calls for the name (if known) and title of the official who will be designated by the applicant to have responsibility for implementing the station's program.

### III. POLICY DISSEMINATION

The purpose of this section is to disclose the manner in which the station's EEO policy will be communicated to employees and prospective employees. The applicant's program should indicate whether it: (a) intends to utilize an employment application form which contains a notice informing job applicants that discrimination is prohibited and that persons who believe that they have been discriminated against may notify appropriate governmental agencies; (b) will post a notice which informs job applicants and employees that the applicant is an equal opportunity employer and that they may notify appropriate governmental authorities if they believe that they have been discriminated against; and (c) will seek the cooperation of labor unions, if represented at the station, in the implementation of its EEO program and in the inclusion of nondiscrimination provisions in union contracts. The applicant should also set forth any other methods it proposes to utilize in conveying its EEO policy (e.g., orientation materials, on-air announcements, station newsletter) to employees and prospective employees.

### IV. RECRUITMENT

The applicant should specify the recruitment sources and other techniques it proposes to use to attract qualified minority and female job applicants. Not all of the categories of recruitment sources need be utilized. The purpose of the listing is to assist the applicant in developing specialized referral sources to establish a pool of qualified minorities and women who can be contacted as job opportunities occur. Sources which subsequently prove to be nonproductive should not be relied on and new sources should be sought.

### V. TRAINING

Training programs are not mandatory. Each applicant is expected to decide, depending upon its own individual situation, whether a training program is feasible and would assist in its effort to increase the available pool of qualified minority and female applicants. Additionally, the applicant may set forth any other assistance it proposes to give to students, schools or colleges which is designed to be of benefit to minorities and women interested in entering the broadcasting field. The beneficiary of such assistance should be listed, as well as the form of assistance, such as contributions to scholarships, participation in work study programs, and the like.

## MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

### I. GENERAL POLICY

It will be our policy to provide employment opportunity to all qualified individuals without regard to their race, color, religion, national origin or sex in all personnel actions including recruitment, evaluation, selection, promotion, compensation, training and termination.

It will also be our policy to promote the realization of equal employment opportunity through a positive, continuing program of specific practices designed to ensure the full realization of equal employment opportunity without regard to race, color, religion, national origin or sex.

To make this policy effective, and to ensure conformance with the Rules and Regulations of the Federal Communications Commission, we have adopted an Equal Employment Opportunity Program which includes the following elements:

### II. RESPONSIBILITY FOR IMPLEMENTATION

(Name/Title) Lynn Ketelsen, Owner Applicant will be responsible for the administration and implementation of our Equal Employment Opportunity Program. It will also be the responsibility of all persons making employment decisions with respect to the recruitment, evaluation, selection, promotion, compensation, training and termination of employees to ensure that our policy and program is adhered to and that no person is discriminated against in employment because of race, color, religion, national origin or sex.

### III. POLICY DISSEMINATION

To assure that all members of the staff are cognizant of our equal employment opportunity policy and their individual responsibilities in carrying out this policy, the following communication efforts will be made:



- ☒ The station's employment application form will contain a notice informing prospective employees that discrimination because of race, color, religion, national origin or sex is prohibited and that they may notify the appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- ☒ Appropriate notices will be posted informing applicants and employees that the station is an Equal Opportunity Employer and of their right to notify an appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- ☒ We will seek the cooperation of unions, if represented at the station, to help implement our EEO program and all union contracts will contain a nondiscrimination clause.
- ☐ Other (specify)

#### IV. RECRUITMENT

To ensure nondiscrimination in relation to minorities and women, and to foster their full consideration whenever job vacancies occur, we propose to utilize the following recruitment procedures:

- ☒ We will contact a variety of minority and women's organizations to encourage the referral of qualified minority and women applicants whenever job vacancies occur. Examples of organizations we intend to contact are:
- |   |  |
|---|--|
| Women of Today-Blooming Prairie                           | American Legion Auxillary-Blooming-Prairie |
| American Association of University Women-Blooming Prairie | Senior Citizens Committee-Blooming Prairie |
| VFW Auxillary-Blooming Prairie                            | Blooming Gang-Blooming Prairie             |
- ☒ In addition to the organizations noted above, which specialize in minority and women candidates, we will deal only with employment services, including State employment agencies, which refer job candidates without regard to their race, color, religion, national origin or sex. Examples of these employment referral services are:
- Midwest Farm Worker Employment and Training-Owatonna  
 Minnesota Department of Jobs and Training-Owatonna  
 Job Service-Owatonna  
 Steele County Extension Office-Owatonna  
 Women's Resource Center-Owatonna
- ☒ When we recruit prospective employees from educational institutions such recruitment efforts will include area schools and colleges with minority and women enrollments. Educational institutions to be contacted for recruitment purposes are:
- |   |                                       |
|---|---------------------------------------|
| Austin Community College-Austin         | Rochester Community College-Rochester |
| Riverland Technical College-Austin      | St. Olaf College-Northfield           |
| Albert Lea Technical College-Albert Lea |                                       |
| Mankato State University-Mankato        | Carlton College-Northfield            |
| University of Minnesota-St Paul         |                                       |
- ☒ When we place employment advertisements with media some of such advertisements will be placed in media which have significant circulation or viewership or are of particular interest to minorities and women. Examples of media to be utilized are:
- Blooming Prairie News  
 Owatonna Peoples Press  
 Austin Daily Herald  
 The Farmer's Voice-Farm Bureau  
 Farmers Union News  
 Women of Today's Newsletter
- ☒ We will encourage employees to refer qualified minority and women candidates for existing and future job openings.

## V. TRAINING

- ☐ Station resources and/or needs will be such that we will be unable or do not choose to institute programs for upgrading the skills of employees.
- ☒ We will provide on-the-job training to upgrade the skills of employees.
- ☒ We will provide assistance to students, schools, or colleges in programs designed to enable qualified minorities and women to compete in the broadcast employment market on an equitable basis:

School or Other Beneficiary	Proposed Form of Assistance
<u>Riverland Technical Institute</u>	<u>News Internship</u>
<u>Midwest Farm Worker Employment</u>	<u>Minority Internship</u>
<u>and Training Council</u>	

- ☒ Other (specify)

Steele County Extension-Farm Issues Forum Support  
Women of Today-Women's Forum Support  
Senior Citizens Committee- Senior Citizens Forum Support

### FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the application requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers, and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3) AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.